

## DINAH

The incipient stages of Dinah were revealed on the 20th of May when a 700-mb circulation was induced from the mid-Pacific trough in the vicinity of Ponape Island. The system was followed by aircraft reconnaissance and satellite pictures for several days as it crossed through the western Carolines. By the 26th satellite pictures showed the Dinah system to have gained considerable organization. The fact that Dinah was in the process of developing rapidly was verified by the Liberian freighter MV KONKAR RESOLUTE which crossed near the center and reported 60 kt from the north-northwest and a minimum pressure of 988 mb.

The storm continued to intensify to 90 kt before striking the northern coast of Samar on the morning of the 26th. She traversed the central Philippines and exited near Lubang Island (Figure 5-11). A maximum gust of 93 kt was reported at Legaspi City in southern Luzon and a minimum pressure of 979.2 mb was recorded at Tayabas. Dinah left in her wake 13 dead and 44 missing in addition to 6,500 homes destroyed.

Emerging into the South China Sea, Dinah briefly dropped below typhoon strength for a 12-hour period before intensifying up to 80 kt. North of the Paracel Islands she diminished to tropical storm force (Figure 5-12) before striking eastern Hainan with 45 kt. Dinah dissipated rapidly after entering southern China west of the Luichow Peninsula on the 30th.

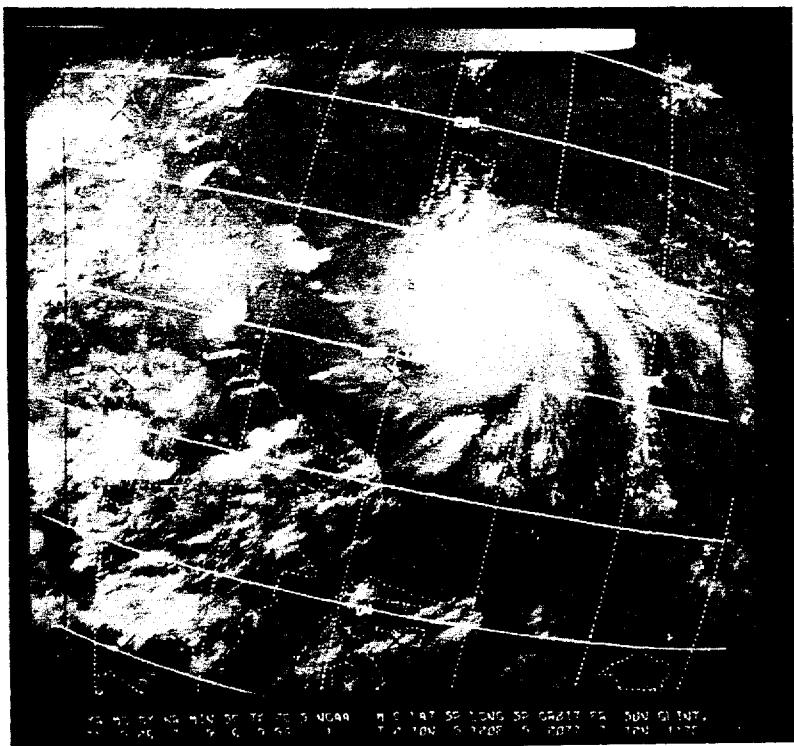


FIGURE 5-11. NOAA-1 VIEW OF TYPHOON DINAH ON 26 MAY OVER SOUTHEASTERN LUZON.

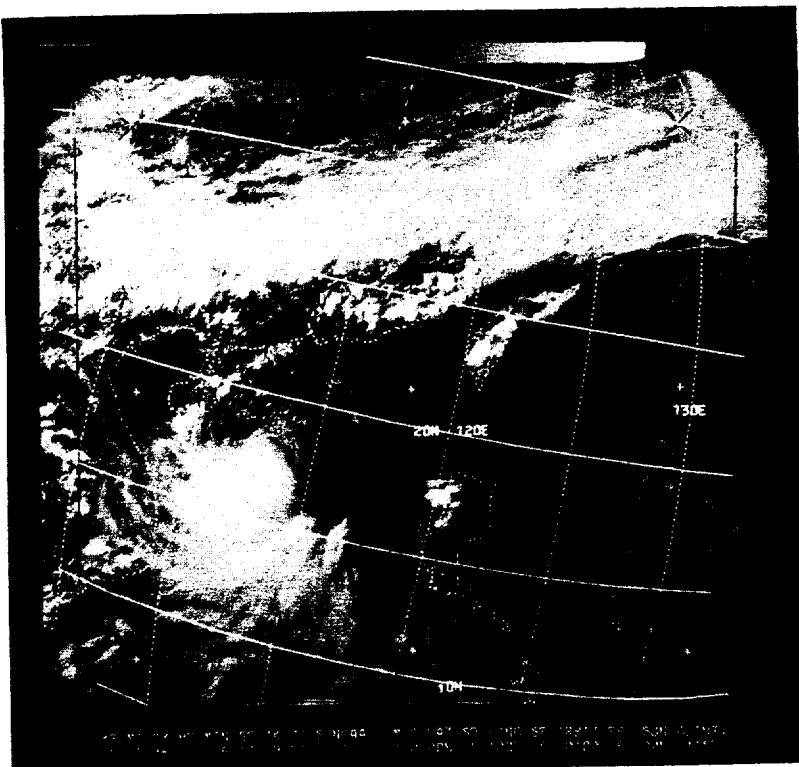


FIGURE 5-12. DINAH, WEAKENED TO TROPICAL STORM STATUS, LOCATED SOUTHEAST OF HAINAN ISLAND AS SEEN BY NOAA-1 ON 28 MAY.

TYPHOON DINAH  
EYE FIXES RUR CYCLONE NO. 8  
25 MAY - 30 MAY 71

FIX NO.	TIME	POSIT	UNIT- METHOD -ACCY	FLT	LVL	OBS	OBS	MN	FLT	THKN	POSTI OF RADAR
				FLT	LVL	SFC	MIN	700MB	LVL	WALL	
				LVL	WNU	WND	SLP	HGT	TI/TO	CLD	REMARKS
1	210433Z	7.0N 153.0E	SATELIT---	STG H							FIRST SAT BLTN
2	220528Z	10.0N 147.0E	SATELIT---	STG B							LITTLE CHG
3	230622Z	9.0N 141.0E	SATELIT---	STG C							MORE INTENSE
4	240525Z	10.5N 134.5E	SATELIT---	STG C							LITTLE CHG
5	250615Z	12.0N 128.5E	SATELIT---	STG C+							MORE INTENSE
6	250922Z	12.3N 128.4E	VQ-R-15---	----	40	----	----	----	----	----	STRM INTENSIFYING 11.8N 127.2E
7	251630Z	12.2N 126.7E	54-P- 3---	700MB	85	----	972	2841	15/07	CIR	7
8	252200Z	12.4N 125.5E	54-P- 5---	700MB	70	90	920	2771	18/13	ELIP	N-S 7X5
9	260030Z	12.6N 124.9E	54-P- 5---	700MB	60	80	960	2786	18/13	ELIP	N-S 7X5
10	260040Z	12.1N 125.0E	LND RDR---								CATANDUANES RDR 14.0N 124.3E
11	260350Z	13.0N 124.0E	VQ-P- 5---	700MB	85	----	950	2810	15/10	CIR	8
12	260405Z	12.5N 124.3E	LND RDR---								CATANDUANES RDR 14.0N 124.3E
13	260510Z	13.0N 123.1E	LND RDR---								UNK SITE
14	260610Z	13.1N 123.5E	LND RDR---								UNK SITE
15	260700Z	13.2N 123.4E	LND RDR---								UNK SITE
16	260709Z	12.5N 123.5E	SATELIT---	STG X DIA 4 CAT 3.0							INTENSIFYING 13.2N 124.0E
17	260711Z	13.3N 123.2E	VQ-R- 5---	----	----	----	----	----	----	CIR	8
18	260800Z	13.1N 123.0E	LND RDR---								CLSD WC UNK SITE
19	260910Z	13.3N 123.0E	LND RDR---								CLSD WC UNK SITE
20	260932Z	13.4N 122.8E	VQ-P- 5---	700MB	75	----	967	2804	14/09	CIR	8 3
21	261300Z	13.6N 121.9E	LND RDR---								WC OPEN N ADCC RDR
22	261400Z	13.7N 121.7E	LND RDR---								ADCC RDR
23	261600Z	14.0N 120.8E	LND RDR---								ADCC RDR
24	261720Z	14.2N 120.2E	LND RDR---								ADCC RDR
25	261728Z	13.7N 120.1E	VQ-R-10---	----	----	----	----	----	----		WK WC SE QUAD 13.7N 119.9E
26	261855Z	13.8N 120.5E	VQ-R-10---	----	----	----	----	----	----	CIR	10 3
27	262010Z	13.8N 120.2E	VQ-R-10---	----	----	----	----	----	----	CIR	10
28	262145Z	14.0N 119.7E	VQ-R-10---	----	----	----	----	----	----	CIR	8
29	270115Z	14.3N 119.0E	54-P- 3---	700MB	50	55	970	3008	16/12	CIR	30
30	270400Z	14.6N 118.3E	54-P- 3---	700MB	50	60	994	2999	16/13	CIR	30
31	270700Z	15.0N 117.8E	54-P- 5---	700MB	65	60	994	2975	15/12	CIR	25
32	270803Z	15.0N 117.0E	SATELIT---	STG C							CLSD WC-STRONGER
33	271000Z	15.5N 117.1E	54-P- 2---	700MB	75	85	978	2874	19/17	ELIP	NE-SW 15X10
34	271530Z	16.2N 115.8E	54-P- 5---	700MB	75	----	----	2951	19/14	ELIP	NE-SW 15X10
35	280355Z	17.5N 113.4E	VQ-P-10---	700MB	----	75	980	3045	28/24	CIR	30
36	280706Z	17.5N 113.0E	SATELIT---	STG C							CLSD WC-MDT FBS
37	281015Z	17.8N 112.7E	54-P- 5---	700MB	40	65	995	3027	18/13	----	----
38	281300Z	18.1N 112.3E	54-P-20---	700MB	35	----	997	3045	16/14	----	----
39	281600Z	18.2N 111.8E	54-R-15-10	----	----	----	----	----	----	----	MSLP DOUBTFUL
40	290800Z	18.0N 109.0E	SATELIT---	STG C				----	----	----	Poor RDR PRES 18.1N 112.0E

